

IAP6 Rec'd PCT/PTO 10 MAY 2007

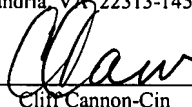
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Takashi KADOWAKI *et al.*  
Serial No.: 10/591,490  
Filed: 09/01/2006  
For: Agents For Regulating Adiponectin Receptor Expression

Group No.:  
Examiner:

TRANSMITTAL

MS PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

<p align="center"><b>CERTIFICATE OF TRANSMISSION UNDER 37 C.F.R. § 1.8(a)(1)(i)(A)</b></p> <p>I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is, on the date shown below, being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</p> <p>Dated: <u>May 8, 2007</u></p> <p>By: <u></u> Cliff Cannon-Cin</p>
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Dear Sir or Madam:

In response to the Notification of Missing Requirements under 35 U.S.C. 371 mailed **March 28, 2007** (a copy of which is enclosed), applicants submit the following documents:

- Combined Declaration and Power of Attorney
- Preliminary Amendment
- Information Disclosure Statement, PTO-1449 and copies of 34 references
- Fee Transmittal

A check in the amount of **\$530.00** is enclosed herewith to cover the **\$400.00** extra claim fees and the **\$130.00** declaration surcharge.

Dated: May 8, 2007

By:   
Christine A. Lekutis  
Registration No. 51,934

05/11/2007 JBALINAN 00000131 10591490

01 FC:1617 130.00 OP  
02 FC:1614 400.00 OP

MEDLEN & CARROLL, LLP  
101 Howard Street, Suite 350  
San Francisco, California 94105  
(415) 904-6500

Under the Paperwork Reduction Act of 1995: no persons are required to respond to a collection of information unless it displays a valid OMB control number

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

**FEE TRANSMITTAL**  
**For FY 2007**☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 530.00**Complete if Known**

Application Number	10/591,490
Filing Date	09/01/2006
First Named Inventor	Takashi Kadowaki
Examiner Name	
Art Unit	
Attorney Docket No.	SHIMIZU-13116

**METHOD OF PAYMENT** (check all that apply)☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☒ Deposit Account Deposit Account Number: 08-1290 Deposit Account Name: Medlen & Carroll, LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180
<b>Total Claims</b>		
<b>Extra Claims</b>		
<b>Fee (\$)</b>		
<b>Fee Paid (\$)</b>		

19 - 20 or HP = 0 x =

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
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5 - 3 or HP = 2 x 200 = 400

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
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- 100 = / 50 = (round up to a whole number) x =

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): declaration surcharge

130

**SUBMITTED BY**

Signature	<i>Christine A. Lekutis</i>	Registration No. (Attorney/Agent) 51,934	Telephone 415/904-6500
Name (Print/Type)	Christine A. Lekutis		Date May 8, 2007

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



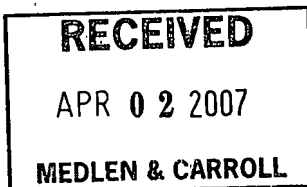
## UNITED STATES PATENT AND TRADEMARK OFFICE

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UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO. 10/591,490	FIRST NAMED APPLICANT Takashi Kadowaki	ATTY. DOCKET NO. SHIMIZU-13116
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Medlen & Carroll  
 101 Howard Street  
 Suite 350  
 San Francisco, CA 94105



INTERNATIONAL APPLICATION NO. PCT/JP05/03744	
I.A. FILING DATE 03/04/2005	PRIORITY DATE 03/04/2004

CONFIRMATION NO. 1885  
 371 FORMALITIES LETTER



\*OC000000023139410\*

Date Mailed: 03/28/2007

Resp. 5/28/07 RLD

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 09/01/2006
- English Translation of the IA filed on 09/01/2006
- Copy of the International Search Report filed on 09/01/2006
- Preliminary Amendments filed on 09/01/2006
- Biochemical Sequence Diskette filed on 09/01/2006
- Biochemical Sequence Listing filed on 09/01/2006
- Request for Immediate Examination filed on 09/01/2006
- U.S. Basic National Fees filed on 09/01/2006
- Priority Documents filed on 09/01/2006
- Specification filed on 09/01/2006
- Claims filed on 09/01/2006
- Abstracts filed on 09/01/2006
- Drawings filed on 09/01/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of \$2110 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$2240** for a Large Entity:

- **\$130** Surcharge.
- Total additional claim fee(s) for this application is **\$ 2110**
  - **\$1400** for 7 independent claims over 3.
  - **\$350** for 7 total claims over 20.
  - **\$360** for multiple dependent claim surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://portal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

WINSTON M ALVARADO

Telephone: (703) 308-9140 EXT 206

#### PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/591,490	PCT/JP05/03744	SHIMIZU-13116